

WHAT IS CLAIMED IS:

1. A method of customizing a news document associated with a user of a news aggregation service, comprising:

creating the customized news document with one or more personalized search queries received from the user;

fetching news content from a plurality of news source servers;

aggregating the news content;

searching the aggregated news content based, at least in part, on the one or more personalized search queries; and

providing selected news content to the customized news document based, at least in part, on results of the search.

2. The method of claim 1, wherein the one or more search queries comprise at least one of a keyword, a news topic and a selected geographic region.

3. The method of claim 1, wherein the customized news document comprises a web page.

4. The method of claim 1, wherein creating the customized news document further comprises:

dividing the news document into one or more news sections, a different search query of the one or more search queries being associated with each of the one or more news sections.

5. The method of claim 4, further comprising:  
receiving user input specifying a number of stories that a selected news section of the one or more news sections should have.
6. The method of claim 4, further comprising:  
receiving user input specifying whether image data should be associated with a selected news section of the one or more news sections.
7. The method of claim 1, further comprising:  
fetching updated news content from the plurality of news source servers;  
aggregating the updated news content;  
searching the aggregated updated news content based on the one or more personalized search queries to perform an update search; and  
periodically providing updated news content to the customized news document based on results of the update search.
8. The method of claim 7, further comprising:  
notifying the user of the updated news content.
9. The method of claim 8, wherein notifying the user of the updated news content comprises notifying the user via at least one of a page, an e-mail, a FAX, and a telephone call.
10. The method of claim 4, wherein creating the customized news document comprises:

receiving user input for creating a new news section corresponding to an additional search query.

11. The method of claim 4, wherein creating the customized news document comprises:  
changing a search query associated with at least one of the one or more news sections.
12. The method of claim 4, wherein creating the customized news document comprises:  
moving at least one news section of the one or more news sections around on the customized news document.
13. The method of claim 4, wherein creating the customized news document comprises:  
deleting at least one news section of the one or more news sections.
14. The method of claim 4, wherein creating the customized news document comprises:  
receiving user input related to how news content should be sorted for display in each of the one or more news sections.
15. The method of claim 4, further comprising:  
receiving an additional search query from the user;  
creating an additional news section on the customized news document; and  
associating the additional search query with the additional news section.
16. The method of claim 4, further comprising:

registering the customized news document with a registry; and  
providing access for other users to the customized news document via the registry.

17. The method of claim 1, wherein creating the customized news document comprises:  
receiving user input for selecting an appearance of the customized news document.
18. The method of claim 1, further comprising:  
providing a copy of the customized news document in at least one of hard copy or  
machine viewable format.
19. The method of claim 1, wherein the customized news document is hosted by a news  
aggregation server that fetches, aggregates and searches the news content.
20. The method of claim 1, wherein the customized news document is hosted by a personal  
document server, associated with the user, that is different from a news aggregation server that  
fetches, aggregates and searches the news content.
21. A system for customizing a news document associated with a user of a news aggregation  
service, comprising:  
a remote news aggregation server configured to:  
create the customized news document with one or more personalized search  
queries received from the user,

search news content from a plurality of news source servers based on the one or more personalized search queries, and

provide selected news content to the customized news document based on results of the search.

22. The system of claim 21, wherein the remote news aggregation server is further configured, prior to searching the aggregated news content, to:

fetch news content from a plurality of news source servers, and  
aggregate the news content.

23. A method of creating a personalized news document, comprising:

receiving a plurality of search queries from a user;

creating a customized news document including a plurality of personalized news sections, with each news section being associated with a different one of the plurality of search queries.

retrieving news content from memory using the plurality of search queries; and

inserting selected news content of the retrieved news content into each of the personalized news sections of the customized news document.

24. The method of claim 23, further comprising:

retrieving updated news content from the memory using the plurality of search queries;

and

periodically inserting the selected news content of the updated news content into each of the personalized news sections of the customized news document.

25. The method of claim 23, wherein the news content is fetched from a plurality of news source servers and aggregated via a news aggregation service in the memory.
26. The method of claim 25, wherein the customized news document is hosted at a news aggregation server that further hosts the news aggregation service.
27. The method of claim 25, wherein the customized news document is hosted at a server that is remote from a news aggregation server that hosts the news aggregation service.
28. The method of claim 23, further comprising:  
notifying the user of the updated news content.
29. The method of claim 28, wherein notifying the user of the updated news content comprises notifying the user via at least one of a page, an e-mail, a FAX, and a telephone call.
30. The method of claim 23, further comprising:  
registering the customized news document with a registry;  
providing access for other users to the customized news document via the registry.
31. A news aggregation server, comprising:  
a memory configured to store instructions and news content; and  
a processing unit configured to execute the instructions in memory to:

obtain plurality of search queries from a user,  
create a customized news document including a plurality of personalized news sections, with each news section being associated with a different one of the plurality of search queries,  
retrieve news content from the memory using the plurality of search queries, and  
insert selected news content of the retrieved news content into each of the personalized news sections of the customized news document.

32. A method of providing news content to a personalized news document via a news aggregation server, comprising:

associating a plurality of search queries with a user;  
maintaining the plurality of search queries in a memory associated with the news aggregation server;  
periodically searching aggregated news content using the plurality of search queries; and  
periodically providing selected news content to a news document associated with the user using results from the periodic searches of the aggregated news content.

33. The method of claim 32, wherein the news document is hosted on the news aggregation server.

34. The method of claim 32, wherein the news document is hosted on a personal document server remote from the news aggregation server.

35. The method of claim 34, further comprising:  
receiving input from the user changing the plurality of search queries;  
periodically searching aggregated news content using the changed plurality of search queries; and  
periodically providing updated news content to the news document associated with the user using results from the periodic searches of the aggregated news content.
36. The method of claim 35, further comprising:  
notifying the user of the updated news content.
37. The method of claim 36, wherein notifying the user of the updated news content comprises notifying the user via at least one of a page, an e-mail, a FAX, and a telephone call.
38. A news aggregation server, comprising:  
a memory configured to store instructions; and  
a processing unit configured to execute the instructions in memory to:  
associate a plurality of search queries with a user,  
maintain the plurality of search queries in the memory,  
periodically search aggregated news content using the plurality of search queries,  
and  
periodically provide selected news content to a news document associated with the user using results from the periodic searches of the aggregated news content.



39. A system for creating a customized news document, comprising:
- means for receiving a plurality of search queries from a user;
  - means for creating a customized news document including a plurality of personalized news sections, with each news section being associated with a different one of the plurality of search queries;
  - means for retrieving news content from a plurality of sources of news content using the plurality of search queries; and
  - means for inserting selected news content of the retrieved news content into each of the personalized news sections of the customized news document.